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**ENGLISH ABSTRACT**

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**Title** **METHOD OF TRANSMISSION OF DATA PACKS IN GENERAL- PURPOSE COMMUNICATION CHANNEL AND CONTROL DEVICE**

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**ABSTRACT:**

**FIELD:** communication, applicable in radio communication networks with pack switching. **SUBSTANCE:** after check-out of condition of general-purpose communication channel data pack priority pulses are

formed at duration  $\Delta_{T_{j1}}$ , where  $l \in (1, 2, \dots, L)$ ,  $l$  - number of data pack priority,  $L$  - number of the lowest

data pack priority, and  $j$  - number of pack radio communication installation,  $\Delta_{T_{j1}} > \dots > \Delta_{T_{jL}}$  and  $0 < T_{j1} < T$ , where  $T$  - duration of operating cycle of communication channel, at the same time a random pulse

with a duration of  $\Delta_{t_c}$  is generated with equiprobable law of its distribution in time interval  $]0, T[$ , and if

condition  $\Delta_{t_c} \in ]0, T[$  is fulfilled, an enabling signal is generated, otherwise the actions in formation of enabling signal are repeated in the next clock of operation of communication channel. **EFFECT:**

enhanced capacity of general-purpose communication channel at transmission of data packs with different categories of urgency in conditions of high information load. 4 cl, 14 dwg